

Run13 preparations

polar. mtg.
17.10.12

- Detectors & boards: (status from Haixin)
 - 1mm det. from BNL Instrumentation 2 week delay, now end October
 - ceramic boards (new drawing delay?); now ready Nov. 12
 - testing in Bldg. 930 test stand: who? stronger/faster α source?
- Preamp boxes: (here what's decided, status?)
 - modifying: Al block w/ conductive paint at flange connection
 - bit of extra foil wrap at flange connection seals RF well (bench tested)
 - leave plastic power connector, add foil (time & manpower, not critical)
- RF screens:
 - new ideas, developments? bench testing?
 - who will make if new screens?
 - fingers on all screen-holder disks for stability?
- DAQ: Igor/Dima revive system?
- Online analysis: Igor help update, more robust?
- Fast offline analysis: streamline & speed up, more QA (Dima, Bill, ...)
- H-jet: - any hardware repairs / changes / upgrades ?
 - offline analysis, add some QA? (Oleg?)

- Standard carbon targets:
 - developments with flashing etc.? (Dannie, ...)
 - have we decided to use 2× thickness? (Haixin)
- Graphene targets:
 - BNL instrumentation?
 - Graphene Laboratories? (Vahid)
- Boron-doped (~15%) carbon targets:
 - shown to be robust in beam foil applications
 - B nuclei probably inseparable from C nuclei signal
 - at worst small dilution of A_N
 - material from TRIUMF? Fabrication? (Dannie)
 - B poisoning of Si detectors? (Igor, ...)
- Conditioning runs:
 - low # bunches, low I_{bunch}
 - 1-2 shifts? Diagnostics?